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BUNDESREPUBLIK DEUTSCHLAND



Registered Design

U1

Roll Number G 86 07 368.0

Main Class C09J 7/02

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Name of the Object
Masking Tape, Specifically Consisting of Foamed Material

Name and Address of the Owner
Meichner, Harald, 8673 Reibau, DE

Harald Meichner: "Masking tape, specifically consisting of foamed material"

Description:

Until presently, during the repair work of painted surfaces, the non involved sections of said painted surfaces were bordered with the support of an adhesive tape and covered by means of a cover material (for example, paper) that was attached to said tape.

Once the repair work is finished, said adhesive tape will be removed together with said covering material.

Now it is required, in order to achieve a smooth transition between the old paint coatings and the new paint coatings to smooth out the created step lines by means of sanding or polishing. These sanding or polishing processes shall be avoided by means of the masking tape that is presented in the application for the registered design.

The adhesive tape that consists of a foamed material will be applied with its lower adhesive coating strip (2) to the surfaces to be covered (3). Because of the lip (1) that encompasses about 2/3 of the width of the cross section of said tape, a hollow area (5) is created at the edge of the surface that is to be painted (4). A swirling of the sprayed paint fog takes place in said hollow area (5) for the case that said paint is sprayed onto said surface in a vertical manner. Said swirling action results in an even transition, which means, step free transition, between the old and the new paint coatings. This happens because of the fact that, with an increase of the depth of the hollow area, the thickness of the new paint layer will be reduced.

A dripping of the paint that is sprayed onto the masking tape away from the frontal surface of the lip onto the surface that is to be painted will be avoided by means of the increased absorption ability of the porous surface of the foamed material.

The second adhesive tape like coating at the top surface (2) is utilized for the direct application of masking material that covers large surface spans.

Protection Claims:

Masking material, specifically consisting of a foamed material, characterized in such a way that a lip that encompasses about 2/3 of the width of the cross section of said tape at the topside (1), and also by means of adhesive tape (2) that is attached to the top side and the bottom side and in the longitudinal direction of said foamed material.

Translated by:
Dietmar Schlei
(715) 386-5779
(612) 736-2057



⑫ **Gebrauchsmuster**

U 1

- (11) Kollennummer G 86 07 368,0
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im Patentblatt 12.06.86

(54) Bezeichnung des Gegenstandes
Abdeckklebeband, insbesondere aus geschäumtem
Material
(71) Name und wohnsitz des Inhabers
Meichner, Harald, 8673 Rehau, DE

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Bisher werden bei Ausbesserungsarbeiten an lackierten Flächen die nicht betroffenen Partien mit einem Klebeband abgegrenzt und mit einem an diesem befestigten Abdeckmaterial (z.B. Papier) abgedeckt.

Nun ist es notwendig, um einen ansatzlosen Übergang zwischen der alten und neuen Lackschicht zu erreichen, die entstandenen "Ansatzstufen" durch Schleifen oder Polieren abzuglätten. Diese Schleif- oder Polierarbeiten sollen durch das zur Gebrauchsmusteranmeldung vorgelegte Abdeckklebeband vermieden werden.

Ein Abtropfen des auf das Abdeckklebeband gesprühten Lackes von der Vorderseite der Lippe auf die zu lackierende Fläche wird durch die erhöhte Aufnahmefähigkeit der porösen Oberfläche des geschäumten Materials verhindert.

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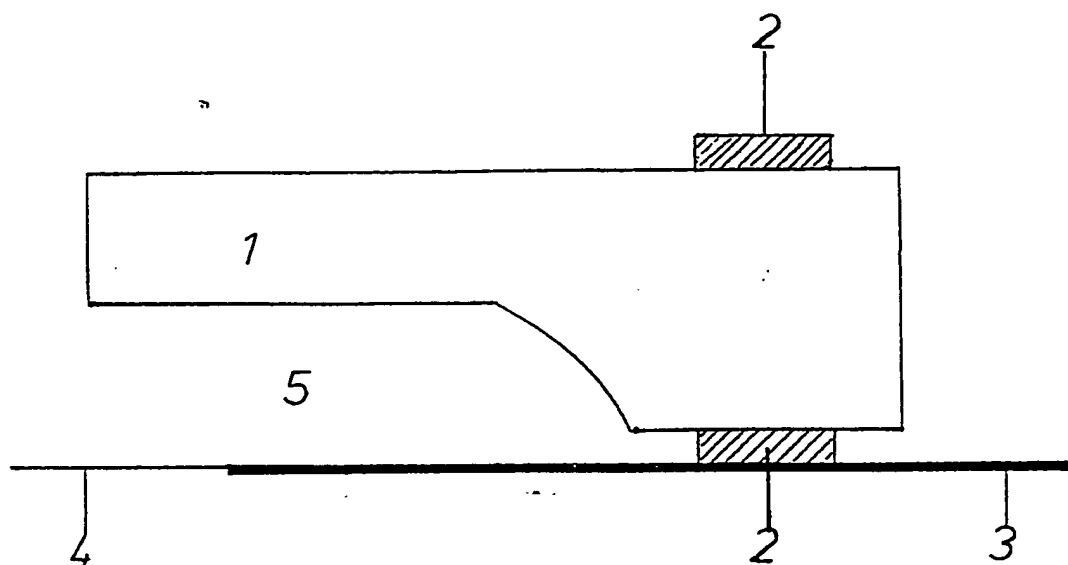
Schutzanspruch:

Abdeckklebeband, insbesondere aus geschäumtem Material, gekennzeichnet durch eine ca. 2/3 der Querschnittsbreite umfassende Lippe an der Oberseite (1) und durch je ein an der Oberseite und Unterseite in Längsrichtung angebrachtes Klebeband (2).

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